CLAIMS

[1] An oral cavity composition comprising a first composition (A) and a second composition (B) given below, the first composition (A) and the second composition (B) being discretely packed from each other so that the two compositions can be alternately used and then come to be mixed with each other at a tooth region when applied thereto:
(A) a first composition containing a fluoride ion-supplying compound and an inorganic phosphoric acid or a salt thereof; and
(B) a second composition containing a calcium salt of organic acid, wherein an organic acid constituting the calcium salt of organic acid has a pKa value ranging from 3 to 11, or at least one pKa value ranging from 3 to 11 when the organic acid has plural pKa values.
[2] The oral cavity composition according to claim 1, wherein an aqueous solution of the first composition (A) has a pH value ranging from 2 to 6 and/or an aqueous solution of the second composition (B) has a pH value ranging from 6 to 12.
[3] The oral cavity composition according to the preceding claim 1 or 2, wherein said inorganic phosphoric acid is an orthophosphoric acid.
[4] The oral cavity composition according to any one of the preceding claims 1 through 3, wherein said calcium salt of organic acid is a calcium salt of polyol phosphate.
[5] The oral cavity composition according to any one of the preceding claims 1 through 4, wherein said first composition (A) and/or said second composition (B) further contains a monofluorophosphate.
[6] The oral cavity composition according to any one of the preceding claims 1 through 5, wherein the molar ratio of said fluoride ion-supplying compound to said inorganic phosphoric acid or salt thereof (fluoride ion-supplying compound/inorganic phosphoric acid or salt thereof) falls in the range of 0.1 to 10.
[7] The oral cavity composition according to any one of the preceding claims 1 through 6, wherein said second composition (B) is a powder.
[8] A product for dental treatment comprising a first composition (A) and a second composition(B) given below, wherein the first composition (A) and/or the second composition (B) is supported on a carrier selected from the group consisting of paper, cloth, nonwoven fabric, absorbent cotton, sponge and porous film, and wherein the first composition (A) and the second composition (B) are discrete from each other so that the two compositions can be alternately used and then come to be mixed with each

other at each tooth region when applied thereto:

(A) a first composition containing a fluoride ion-supplying compound and an inorganic phosphoric acid or a salt thereof; and

(B) a second composition containing a calcium salt of organic acid, wherein an organic acid constituting said calcium salt of organic acid has a pKa value ranging from 3 to 11, or at least one pKa value ranging from 3 to 11 when the organic acid has plural pKa values.

[9] A method of treating teeth, comprising alternately applying a first composition (A) and a second composition (B) to a tooth:

(A) a first composition containing a fluoride ion-supplying compound and an inorganic phosphoric acid or a salt thereof; and

(B) a second composition containing a calcium salt of organic acid, wherein an organic acid constituting the calcium salt of organic acid has a pKa value ranging from 3 to 11, or at least one pKa value ranging from 3 to 11 when the organic acid has plural pKa values.

[10] The method according to the preceding claim 9, wherein the first composition (A) and/or the second composition (B) is supported on a carrier selected from the group consisting of paper, cloth, nonwoven fabric, absorbent cotton, sponge and porous film.

[11] The method according to the preceding claim 10, wherein the carrier supporting the first composition (A) and/or the second composition (B) is impregnated with water immediately prior to application thereof to a tooth.